

Work Order ID 136974

September 22, 2015 2:26:30 PM

136974

20150922

Page 1

STOCK

Item ID: D350-561-141

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Single Mirror Installation RH

Stop

NS2

Start Date: 9/22/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/6/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: SH

Date:

20150922

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
N/A	Rev N/A

100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D350-561-141 CHG003								

DEC 14 2015

105	Pick Kit	0.00							
105									
Packaging	Memo	0.00							
Packaging									

DEC 02 2015

110	QC4- 100% Inspect kits for completeness	0.00							
110									
QC	Memo	0.00							
Quality Control									

DEC 14 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

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Item ID: D350-561-141

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Single Mirror Installation RH

Start Date: 9/22/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/6/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

0.00

120

Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D350-561-141
LOCATION: FG011

BAS

27

9-23

DEC 14 2015

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

MLC

DEC 14 2015

MLC DEC 14 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Work Order ID: 136974

136974

Parent Item: D350-561-141

D350-561-141

Parent Item Name: Single Mirror Installation RH

Start Date: 9/22/2015

Required Date: 10/6/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC IPP Rev:D 10.09.14 per IIN revD
DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2011-101

Manufactured No

105

Each

30.0000

1

1

D2011-101

Mirror 6"

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

2

106348

2

ST384

28

122000

13

135152

15

DAS
28
9-89

D2012-105

Manufactured No

105

Each

9.0000

1

1

D2012-105

Arm (31.06)

DAS
27
9-89

Location

Loc Qty

Loc Code

st376

9

135301

9

DAS
28
9-89

D2012-107

Manufactured No

105

Each

19.0000

1

1

D2012-107

Clevis

DAS
27
9-89

Location

Loc Qty

Loc Code

WA004

19

127296

11

133894

8

DAS
28
9-89

DAS
28
9-89

137057

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Work Order ID: 136974

136974

Parent Item: D350-561-141

D350-561-141

Parent Item Name: Single Mirror Installation RH

Start Date: 9/22/2015

Required Date: 10/6/2015

Start Qty: 1.00

Required Qty: 1.00

D2012-111

Manufactured No

105 Each

25.0000

1

1

D2012-111

Bracket

**

Location

Loc Qty

Loc Code

ST001

25

112972

25

D2012-115

Manufactured No

105 Each

0.0000

1

1

D2012-115

Bracket, Clevis

**

D2022-101

Manufactured No

105 Each

151.0000

2

2

D2022-101

Spacer

**

Location

Loc Qty

Loc Code

ST001

61

107903

61

ST012a

90

132703

90

D3629-1

Manufactured No

105 Each

5.0000

1

1

D3629-1

Bracket

**

Location

Loc Qty

Loc Code

ST047

5

113674

5

D3635-1

Manufactured No

105 Each

9.0000

1

1

D3635-1

Gasket

**

Location

Loc Qty

Loc Code

ST047

9

94552

9

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Parent Item: D350-561-141

Parent Item Name: Single Mirror Installation RH

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D350-561-141

Start Date: 9/22/2015

Required Date: 10/6/2015

Start Qty: 1.00

Required Qty: 1.00

AN3-6A Purchased No 105 Each 143.0000 1 1

AN3-6A

Bolt

DAS
27
9-89

Location	Loc Qty	Loc Code
ST338a	100	
M131305	100	
ST349	43	
M133064	43	

**

DAS
28
9-89

AN4-5A Purchased No 105 Each 171.0000 3 3

AN4-5A

BOLT

DAS
27
9-89

Location	Loc Qty	Loc Code
CA	55	
m129682	55	
ST325A	50	
m133064	50	
ST345	66	
120562	4	
6651	1	
m132317	61	

**

DAS
28
9-89

AN4-10A Purchased No 105 Each 38.0000 1 1

AN4-10A

Bolt

DAS
27
9-89

Location	Loc Qty	Loc Code
CA	17	
M129682	17	
ST345	21	
131677	21	

**

DAS
28
9-89
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Work Order ID: 136974

Parent Item: D350-561-141

Parent Item Name: Single Mirror Installation RH

136974

D350-561-141

Start Date: 9/22/2015

Required Date: 10/6/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0363J

Purchased

No

105

Each

1,395.000

8

8

DAS

8

DAS

28

9-89

NAS1149D0363.J

Washer

**

133709

BAS

27

9-89

Location

Loc Qty

Loc Code

CA	246	
m130799	246	
GA	248	
m130799	248	
ST269	901	
m126319	7	
m131618	1	
m132317	10	
m132677	50	
m133031	833	

NAS1149D0463J

Purchased

No

105

Each

2,581.000

8

8

DAS

8

DAS

28

9-89

NAS1149D0463.J

WASHER

**

133316

BAS

27

9-89

Location

Loc Qty

Loc Code

GA	41	
M129390	41	
ST260a	1000	
M133077	1000	
ST269	1540	
M129682	86	
M130799	371	
M132035	70	
M132317	125	
M132677	888	

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Work Order ID: 136974

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Parent Item: D350-561-141

D350-561-141

Parent Item Name: Single Mirror Installation RH

Start Date: 9/22/2015

Required Date: 10/6/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

105

Each

1,074.000

4

4

MS21042L3

Nut

133790

DEC 09 2015

DAS
28
9-89

BAS
27
9-89

Location

Loc Qty

Loc Code

FP001	334	
M130922	334	
GA	177	
M131317	177	
ST305	563	
116549	12	
126333	49	
M128754	2	
M132123	17	
M132382	2	
M132883	17	
M132930	1	
M133134	463	

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Work Order ID: 136974

136974

Parent Item: D350-561-141

D350-561-141

Parent Item Name: Single Mirror Installation RH

Start Date: 9/22/2015

Required Date: 10/6/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

105

Each

1,684.000

4

4

MS21042L 4

Locknut

133363

DAS 28

9-29 9-29

DEC 03 2015

DAS
27
9-29

Location

Loc Qty

Loc Code

FP001

2

m124231

2

GA

112

m127813

112

ST260a

170

m130799

56

m131803

6

m132262

108

ST305

1400

m128300

8

m130388

7

m130922

97

m131618

12

m132123

56

m132382

1220

5. PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -141	Qty -143	Qty -241	Qty -243	Part Number	Description
X	1						D350-561-041	SINGLE MIRROR INSTALLATION, RH
	X						D350-561-043	DUAL MIRROR INSTALLATION, RH
	1	X		1		1	D350-561-045	MIRROR KIT
			X	1			D350-561-141	SINGLE MIRROR INSTALLATION, RH
				X			D350-561-143	DUAL MIRROR INSTALLATION, RH
					X	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
						X	D350-561-243	DUAL MIRROR INSTALLATION, LH
1		1	1		1		D2011-101	Mirror
1							D2012-101	Arm
1							D2012-103	Arm
1			1				D2012-105	Arm
					1		D2012-106	Arm
2			1		1		D2012-107	Clevis
1							D2012-109	Bracket
1			1		1		D2012-111	Bracket
4		2					D2012-113	Clamp
1			1		1		D2012-115	Bracket
4			2		2		D2022-101	Spacer
4							D2856-100-325	Abrasion Strip
1*		1*	1*		1*		D3014-1	Locknut
			1		1		D3629-1	Bracket
			1		1		D3635-1	Gasket
		2					D3635-3	Gasket
			1				D3646-1	Arm
					1		D3646-2	Arm
			1				D3646-3	Arm
					1		D3646-4	Arm
			2		2		D4070-041	Clamp
2							AN3-4A	Bolt
2		2	6		6		AN3-5A	Bolt
1			1		1		AN3-6A	Bolt
2			1		1		AN4-10A	Bolt
3			3		3		AN4-5A	Bolt
14		4	8		8		AN960JD10	Washer
9		2	8		8		AN960JD416	Washer
1*		1*	1*		1*		AN960JD416L	Washer
5		2	4		4		MS21042L3	Nut (or MS21042-3)
5			4		4		MS21042L4	Nut (or MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR